Index of Claims

| Application/Control | Nο |
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10/721,924

Examiner

Jaison P. Thomas

Applicant(s)/Patent under Reexamination

AMATUCCI, GLENN G.

Art Unit

1796

Rejected Allowed

(Through numeral) Cancelled

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Non-Elected Ν Restricted Interference

**Appeal** Α 0 Objected

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|----------|----------|-------------|--|----------|--|--------------|--------------|--------------|--------------|--------------|-----|--------------|----------|--|--------------|----------|----------|----------|--|--------------|--------------|-----------------|
| Cla      | Date     |             |  |          |  |              |              |              | Claim Date   |              |     |              |          |  |              |          |          |          |  |              |              |                 |
| Final    | Original | \$40/1/1    |  |          |  |              |              |              |              |              |     | Final        |          | 117/078  |              |          |          |          |  |              |              |                 |
| 1        | 1        | =           | -  |          |  | _            | _            |              | -            | _            |     |              | 51       | -  |              | _        |          |          |  |              |              |                 |
| 2        | 2        | =           |  |          |  |              |              |              | _            |              |     |              | 52       | -  | _            |          |          |          |  |              |              |                 |
| 3        | 3        | =           |  |          |  |              |              |              |              |              |     |              | 53       | -  |              |          |          |          |  |              |              |                 |
| 4        | 4        | =           |  |          |  |              |              |              | _            | _            |     |              | 54       | <u>-</u> .                                       |              |          |          |          |  |              |              |                 |
| 5        | 5        | =           |  |          |  |              |              |              |              | _            |     |              | 55       | -  |              |          |          |          |  |              |              | ]               |
| 6        | 6        | =           |  |          |  | _            |              |              |              | _            |     |              | 56       | -  |              | _        |          | _        |  |              |              | $\dashv$        |
| 7        | 7        | =           |  |          | _  | _            |              |              |              |              |     |              | 57       | -  | _            |          |          |          | _  |              |              | $\dashv$        |
| 8        | 8        | =           | _  |          | -  | -            |              |              | -            |              |     |              | 58<br>59 | -  | _            |          |          | -        | _  |              |              | ⊢⊢              |
| 9        | 10       | =           | _  | _        | -  | <u> </u>     | -            | -            | <u> </u>     |              |     |              | 60       | -  |              |          |          |          | -  | _            | -            | $\vdash \vdash$ |
| 11       | 11       | =           | -  | -        | -  | $\vdash$     | -            | -            |              | _            |     |              | 61       | -  |              | -        |          |          |  | -            |              | Н               |
|          | 12       | -           |  | _        | <del>                                     </del> | $\vdash$     | $\vdash$     | $\vdash$     | -            | _            |     |              | 62       | -  | -            | Н        |          |          |  |              |              | 一               |
| 12       | 13       | =           |  | -        | $\vdash$   | $\vdash$     |              | -            |              |              |     |              | 63       | -  |              |          |          | _        |  |              |              |                 |
| 13       | 14       | =           |  | _        |  |              | Г            | Γ            | _            | _            |     |              | 64       | -  |              |          |          |          |  |              |              |                 |
| 14       | 15       | =           |  |          |  |              |              | 1            |              |              |     |              | 65       |  |              |          |          |          |  |              |              |                 |
| 15       | 16       | =           |  |          |  |              |              |              |              |              |     |              | 66       |  |              |          |          |          |  |              |              |                 |
| 16       | 17       | =           |  |          |  |              |              |              |              |              |     |              | 67       | <u> </u>   |              |          |          |          |  | _            |              |                 |
|          | 18       | -           |  |          |  |              |              | _            |              | _            |     |              | 68       |  |              |          |          | <u> </u> |  |              |              | Ш               |
|          | 19       | <u>-</u>    | <u> </u>   |          | <u> </u>   |              |              | <u> </u>     |              |              |     |              | 69       |  | _            |          |          | ļ        | <u> </u>   | ļ            |              | $\vdash$        |
|          | 20       | -           |  |          | ļ  | ļ            | <u> </u>     |              | L.           | <u> </u>     |     |              | 70       | <b>.</b>   | <u> </u>     |          |          |          | _  | -            |              | Н               |
| 17       | 21       | =           |  |          |  | _            |              |              |              |              |     |              | 71       | -  | -            |          |          | -        |  | -            |              | $\vdash$        |
| 18       | 22       | =           |  |          |  |              |              | <del> </del> |              |              |     |              | 72<br>73 | ├  |              |          |          | -        |  | -            | _            | Н               |
| 19<br>20 | 23<br>24 | =           | -  |          |  |              | ├-           |              |              | -            |     |              | 74       | ├  |              | _        | _        |          |  | -            |              | $\vdash$        |
| 21       | 25       | =           |  |          |  |              | ├─           | ├            | -            | -            |     |              | 75       | ┢  | -            |          |          | -        |  |              |              | $\vdash$        |
| 22       | 26       | =           | <u> </u>   | -        | -  | -            |              | 一            | -            | $\vdash$     |     |              | 75<br>76 | <del>  -</del>                                   |              | -        |          |          |  | -            |              | $\Box$          |
| 23       | 27       | ╘           |  |          | _  |              | _            | Г            | <del> </del> | 1            |     |              | 77       | Г  | _            |          |          |          |  |              |              |                 |
| 24       | 28       | =           | <u> </u>   | <u> </u> |  |              |              |              |              | 1            |     |              | 78       |  |              |          |          |          |  |              |              |                 |
| 25       | 29       | =           |  | _        | _  |              |              |              |              |              |     |              | 79       |  |              |          |          |          |  |              |              |                 |
| 26       | 30       | =           |  |          |  |              |              |              |              |              |     |              | 80       |  |              |          |          |          |  |              |              |                 |
|          | 31       | <u>-</u>    |  | L_       |  |              |              | <u> </u>     |              |              |     |              | 81       | <u> </u>   | L.           |          |          |          | <u> </u>   |              |              | <u> </u>        |
|          | 32       | Ŀ           | _  | L_       | _  | _            |              |              | <u> </u>     | <u> _</u>    |     |              | 82       | <u> </u>   |              |          |          |          | <u> </u>   | <u> </u>     | _            |                 |
|          | 33       | <u>  -</u>  | <b> </b>   | <u> </u> | <u> </u>   |              | _            |              |              | <u> </u>     |     | ļ            | 83       | <del> </del>                                     | <u> </u>     |          |          |          |  | <u> </u>     | _            | $\vdash$        |
|          | 34       | ŀ           | ļ  | <u> </u> | _  |              |              |              | <del> </del> | <u> </u>     | ł   | ļ            | 84       | ├  |              |          |          |          | <del> </del>                                     |              | -            | $\vdash$        |
|          | 35       | <u> -</u> - |  |          | <del> </del>                                     | <del> </del> | -            |              |              | ┞            | ł   |              | 85<br>86 | ├─   |              |          |          | <u> </u> |  | ├            | _            | $\vdash$        |
|          | 36       | <u>  -</u>  | <del> </del>                                     | -        | -  | ┢            | -            | -            |              | -            |     |              | 87       | ├─   | -            | _        | -        | -        |  | ├            | $\vdash$     | Н               |
|          | 37<br>38 | -           | -  | -        | -  |              | $\vdash$     | -            |              | -            |     |              | 88       | <del>                                     </del> | -            |          | -        | $\vdash$ | -  | $\vdash$     | -            | $\vdash$        |
| -        | 39       | -           | <del>                                     </del> | -        | -  | $\vdash$     | $\vdash$     | -            | -            | -            |     |              | 89       | ├  | <del> </del> | —        | $\vdash$ | -        | <del>                                     </del> |              |              | -               |
| -        | 40       | -           | $\vdash$   |          | _  | -            | $\vdash$     |              | -            | 1            |     |              | 90       | <del> </del>                                     | -            | _        | Т        | $\vdash$ | _  | _            | <b></b>      | Н               |
|          | 41       | -           | 1  | $\vdash$ | <del>                                     </del> |              | <u> </u>     |              | Т            |              | 1   |              | 91       |  |              |          |          |          | Γ  | Г            | Ī            |                 |
| -        | 42       | -           | Г  |          |  |              |              |              |              |              |     |              | 92       |  |              |          |          |          |  |              |              |                 |
|          | 43       | Ē           |  |          |  |              |              |              |              |              | ] ; |              | 93       |  | 匚            |          |          |          |  |              |              |                 |
|          | 44       | Ŀ           |  |          | L  | 匚            |              | ļ            | _            | L            | [   | <u></u>      | 94       | _  | <u> </u>     | L        |          | <u> </u> | <u> </u>   | <u></u>      | <u> </u>     | $\square$       |
|          | 45       | Ŀ           | _  | <u>L</u> | <u> </u>   | <u></u>      | _            |              | L_           | <u> </u>     |     | <u> </u>     | 95       | <u> </u>   | <b> </b> _   |          | _        |          |  | <u> </u>     | <u> </u>     | $\sqcup$        |
|          | 46       | Ŀ           |  | <u> </u> | <u> </u>   | _            | _            | <u> </u>     | <u> </u>     | _            | -   |              | 96       | 1-   | <del> </del> | <u> </u> | _        | -        | _  | ļ            |              |                 |
|          | 47       | Ŀ           | <u> </u>   | <u> </u> | <u> </u>   | -            | _            |              | -            | <del> </del> | ł   | ļ            | 97       | <b> </b>   | <u> </u>     | -        |          | -        | -  | <del> </del> | <del> </del> |                 |
|          | 48       | Ŀ           |  |          | <u> </u>   |              | _            | $\vdash$     |              |              | ł   |              | 98<br>99 |  | -            | -        | -        | -        | -  |              | <del> </del> |                 |
|          | 49       | Ŀ           | -  | -        | -  | <del> </del> | <del> </del> |              | -            | -            | -   | <del> </del> | 100      | ⊬  | -            | -        | -        | -        | -  |              | ├            | -               |
| L        | 50       | Ŀ           | <u> </u>   | <u> </u> | L  | <b>!</b>     | <b></b> _    | <u></u>      | L            | 1            | j   | t            | 100      | <b>1</b>   | Щ            | ـــــا   |          | Ь        | ـــــ  | 1            | L            | نـــــا         |

| Cla        | im             |  |  |          | [        | ate           | ?            |          |              |               |
|------------|----------------|--|--|----------|----------|---------------|--------------|----------|--------------|---------------|
|            |                | 7  |  |          |          |               |              |          |              |               |
| =          | ם              | 2  |  |          |          |               |              |          |              |               |
| Final      | . <u>₽</u>     | 2  |  |          |          | :             |              |          |              |               |
| <u> </u>   | Original       | 820/1/1  |  |          |          |               |              |          |              |               |
| 1          |                |  |  |          |          |               |              |          |              |               |
|            | 51<br>52       | ,  |  |          |          |               |              |          |              |               |
|            | 52             | _  | -  |          |          | _             |              |          |              |               |
|            | 53             |  |  |          |          |               |              |          |              |               |
| ļ          | 55             |  |  | -        |          |               |              |          | _            |               |
|            | 54<br>55       | •  |  |          |          |               |              |          |              |               |
|            | 55             | -  |  |          |          |               |              |          |              |               |
|            | 56             | -  |  |          |          |               |              |          |              |               |
|            | 57             | -  |  |          |          |               |              |          |              |               |
|            | 58             | -  |  |          |          |               | _            | _        |              | _             |
| $\vdash$   | 59             |  | -  |          |          |               | _            |          |              |               |
| <b></b>    | 29             | -  |  |          |          | _             |              |          |              |               |
|            | 60             | -  |  |          |          |               |              |          | $\Box$       |               |
|            | 61             | - :  |  |          |          |               |              |          |              |               |
|            | 62             | -  |  |          |          |               |              |          |              |               |
|            | 63             | -  |  | П        |          | -             |              |          |              |               |
|            | 64             | _  |  |          | -        | -             |              |          | $\vdash$     | -             |
| -          | 65             | ŕ  |  | $\vdash$ |          | -             | -            |          |              | -             |
| <b> </b>   | 65             | <u> </u>   | <u> </u>   |          |          |               |              |          |              |               |
|            | 66             | _  |  |          |          |               |              |          |              | L.,           |
|            | 67             | L  | L  |          |          | L             |              |          |              |               |
|            | 68             |  |  |          |          |               |              |          |              |               |
|            | 69             | _  |  |          |          |               |              |          |              |               |
|            | 70             | -  | -  | -        |          |               |              |          | -            |               |
| <u> </u>   | 70             | -  | ├  |          |          |               |              |          |              | -             |
|            | 71<br>72<br>73 |  | <u> </u>   |          |          | _             | _            |          |              |               |
|            | 72             |  |  |          |          |               |              |          |              |               |
| 1          | 73             |  |  |          |          |               |              |          |              |               |
|            | 74             |  | T  |          |          |               |              |          |              |               |
|            | 75             |  | $\vdash$   |          |          | _             | _            |          |              |               |
|            | 76             |  |  |          |          | -             |              | -        | -            | -             |
|            | 70             |  |  |          |          | _             |              |          | <u> </u>     |               |
| ļ          | 77             | <u> </u>   | <u> </u>   | <u> </u> |          | L             |              |          | <u> </u>     |               |
|            | 78             |  |  |          |          |               |              |          |              |               |
|            | 79             | ļ  | İ  | !        |          |               |              |          |              |               |
|            | 80             |  |  |          |          |               |              |          |              |               |
| -          | 81             |  | <del>                                     </del> | <u> </u> | _        |               |              |          | _            |               |
|            | 82             |  | -  | -        |          |               | -            | _        |              |               |
|            | 02             | <u> </u>   | <del>  -</del>                                   |          |          |               | -            | -        | -            |               |
| ļ          | 83             |  | <u> </u>   | <u> </u> | _        | -             | <u> </u>     | <u> </u> | <u> </u>     | ļ             |
| L          | 84             |  |  | L        | L.       | L             | L            | _        |              | L_            |
| 1          | 85             | Ī  |  |          |          |               | _            | _        |              | L             |
|            | 86             | Γ  | Γ  |          |          |               | Ī            |          |              |               |
|            | 87             | $\vdash$   | 1-   |          | _        |               | -            |          | Г            |               |
| <b> </b>   | 88             | -  | -  |          | -        | $\vdash$      | $\vdash$     | -        |              |               |
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| <u></u>    | 89             | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | <u> </u>      | <u> </u>     |          | L            | <u> </u>      |
|            | 90             |  |  | L        |          | <u> </u>      |              | L.       | <u> _</u>    |               |
| L          | 91             | L  | L  | L.       | L        | L             | L            |          | L            | L             |
|            | 92             |  |  | I        |          |               |              |          |              |               |
|            | 93             | <del>                                     </del> | <del>  -</del>                                   | _        | _        | $\vdash$      | $\vdash$     | _        | <u> </u>     |               |
|            | 94             | 1  | $\vdash$   | $\vdash$ | -        | -             |              | -        | _            | $\vdash$      |
|            |                | <del>                                     </del> | ├—   | ├-       | -        |               | -            | ├-       | -            | <del> </del>  |
| <u> </u>   | 95             | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | <u> </u>      | <u> </u>     | <u> </u> | <del> </del> | <u> </u>      |
|            | 96             |  | <u> </u>   |          | _        |               |              |          |              |               |
|            | 97             | L  | L -  | L        | <u> </u> |               |              | L        | L            |               |
| 1          | 98             | T  |  |          |          |               |              | <u> </u> |              |               |
|            | 99             | <del>                                     </del> |  |          | $\vdash$ | $\overline{}$ | 1            |          | 1            | 1             |
|            | 100            | ╁  | ╁  | -        | -        | <del> </del>  | <del> </del> |          | $\vdash$     |               |
| ı          | 100            | ı  | ı  | 1        | ı        | i             | ı            | i        | ı            | ı             |

| Cla       |                   |  |  |                | Date           | •  |  |          |  |                 |
|-----------|-------------------|--|--|----------------|----------------|--|--|----------|--|-----------------|
|           |                   |  |  |                |                |  |  |          |  |                 |
| Final     | Original          |  |  |                |                |  |  |          |  |                 |
|           | 101               |  |  |                |                |  |  |          |  | ٦               |
|           | 102               |  |  |                |                |  |  |          |  |                 |
|           | 103               |  |  |                |                |  |  |          |  |                 |
|           | 104               |  |  |                |                |  |  |          |  |                 |
|           | 105               |  |  |                |                |  |  |          |  |                 |
|           | 106               |  |  |                |                |  |  |          |  |                 |
|           | 107               |  |  |                |                |  |  |          |  |                 |
|           | 108               |  |  |                |                |  | Ĺ  |          |  |                 |
|           | 109               |  |  |                |                |  |  |          |  |                 |
|           | 110               |  |  |                | _              |  |  |          |  |                 |
|           | 111               |  |  |                | <u> </u>       |  |  |          | _  |                 |
|           | 111<br>112<br>113 | ļ  | ļ  | L              | $\vdash$       | <u> </u>   | L  |          | <u> </u>   | $\square$       |
|           | 113               | <u> </u>   | $\vdash$   |                |                |  | <u> </u>   | -        |  |                 |
|           | 114<br>115        | Н  | $\vdash$   |                | ļ <sup>'</sup> | <u> </u>   |  | $\vdash$ |  | $\vdash$        |
|           | 115               | <u> </u>   |  | -              |                |  |  |          |  | $\vdash$        |
|           | 116               | <b></b> -  | -  |                |                | -  | -  |          | <u> </u>   | $\vdash$        |
|           | 117<br>118        | -  |  |                |                | <u> </u>   | <u> </u>   |          | -  | $\vdash$        |
|           | 119               | -  |  |                |                | -  | ┝  | -        |  |                 |
| -         | 120               | -  |  | -              | -              |  | -  | -        | -  | $\dashv$        |
|           | 120<br>121        |  |  | _              |                |  |  |          | -  | $\dashv$        |
|           | 122               |  |  | -              | -              |  |  |          | _  | $\vdash$        |
|           | 122<br>123        | ┢  |  |                | -              | ╁─   | -  | $\vdash$ | -  |                 |
|           | 124               | ┢  |  |                |                | $\vdash$   |  | $\vdash$ | _  |                 |
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|           | 125<br>126        |  |  |                |                |  |  |          |  |                 |
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|           | 130               |  | L  |                | L_             | <u> </u>   | _  |          |  | Ш               |
|           | 131<br>132        | <u> </u>   | <u> </u>   |                | ļ              | ļ  |  |          |  | Щ               |
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|           | 133               | <u> </u>   | <u> </u>   |                |                | <del> </del> —                                   |  |          |  | H               |
|           | 134<br>135        |  | ⊢  |                | <del> </del>   | -  | $\vdash$   | ├        | $\vdash$   | $\vdash \vdash$ |
|           | 136               |  |  | $\vdash$       | -              | -  | <del> </del>                                     |          | -  | $\vdash\vdash$  |
| <u> </u>  | 137               |  |  |                | $\vdash$       |  | <del> </del>                                     |          | <del> </del>                                     | $\vdash \vdash$ |
| <b></b> - | 137<br>138        |  | <del> </del>                                     | <b></b> -      | <u> </u>       | <del>                                     </del> | <del> </del>                                     |          | <del>                                     </del> | $\vdash$        |
|           | 139               | <del>                                     </del> | <del>                                     </del> | l              | T              |  | <del>                                     </del> | $\vdash$ | <del>                                     </del> | $\vdash$        |
|           | 140               |  |  |                |                |  |  |          |  |                 |
|           | 141               |  |  |                |                |  |  |          |  |                 |
|           | 142               |  |  |                |                | 匚  | 匚  |          |  |                 |
|           | 143               | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>       | <u>L</u>   | _  | _        | L.   | $\square$       |
| <u> </u>  | 144               | L_   | <u> </u>   | <u> </u>       | ļ              | <u> </u>   | <u> </u>   | <u> </u> | L_   | $\sqcup$        |
|           | 145               | <u> </u>   |  |                | <u> </u>       | _  | <u> </u>   |          |  |                 |
|           | 146               | <u> </u>   | <u> _</u>  | <u> </u>       | <u> </u>       | _  |  |          |  |                 |
| ļ         | 147               | <u> </u> _                                       | <u> </u>   | <del> </del> _ | -              | <b> </b>   | <u> </u>   |          | <u> </u>   |                 |
| <b> </b>  | 148               |  |  | <del> </del>   | -              |  | -  |          | -  |                 |
| ļ         | 149               |  | -  | -              | -              | -  | -  | -        |  | $\vdash$        |
| L         | 150               | L_   | L  | L              | <u></u>        | i  | L  | L        | 1  | IJ              |